M. A. R. 57 (Rule 116)
Measurement Book

No. B

424667

rial No. ...1st & final Bill

me of Work ...Construction of Anganwadi Building at Hosahalli Tanda in Kup

me of Contractor of nature of Agency ...M/s GKD Developers & construction B'-92

te of commencement of work ...D.O.R: 03/02/21

ate	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	Est cost RS: 15.00 lacks.						
	Job code NO: 011-20-00001H						
	Head of A/C: P1771 Pow works.						
	work order NO: BBmp/EE/BTP/WO/115/2020-21 Dt: 16/09/2020						
	Earth work excavation for foundation of building in ordinary soil						
	Long wall	1	10.15	1.20	1.00	24.36	
	short wall	3	5.85	1.20	1.00	21.06	
		1	2.85	1.00	1.00	2.85	
	Toilet wall	1	1.60	1.00	1.00	1.60	
		1	1.00	1.00	1.00	1.00	
	For columns	8	1.50	1.50	1.50	27.00	

Assistant Engineer
Vidyaranyapura Sub Division
BBMP

MEASUREMENT BOOK

Date	Full description, etc. of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	Jump					
	Building construction	1	3.00	3.00	3.00	27.00
		2	4.55	1.00	0.15	1.36
		2	6.15	1.00	0.15	1.85
			Total Qnty =			30.21
		Limited to				
		Rate @ Rs: 20,000/Cum				
	Excavation in foundation trench in ordinary soil upto depth					
	Cross wall	2	10.15	1.00	0.15	3.05
	Cross wall	2	5.55	1.00	0.15	2.66
	Cross wall	1	2.85	1.00	0.15	0.43
		1	1.60	1.00	0.15	0.24
		1	1.00	1.00	0.15	0.15

M. A. R. 57 (Rule 116)
Measurement Book

No. B

424668

erial No. .....

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	FOT columns	8	1.50	1.50	0.20	3.60	65
	sump	1	3.00	3.00	0.20	1.80	
	Building compound wall	2	11.55	1.00	0.20	4.62	
		2	6.15	1.00	0.15	1.85	
					=	15.87 cum	
		Total quantity limited to tender qty = 15.60 cum					
		Rate @ Rs: 5356/cum = 99943.00/-					
5)	Providing & constructing granite/stone/basalt size stone masonry in foundation etc.						

Certified
Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore-97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	Long wall	2	10.15	0.75	0.60	12.18
	Short wall	3	6.15	0.75	0.60	11.07
		1	2.85	0.75	0.75	1.60
	Toilet wall	1	1.60	0.75	0.75	0.90
		1	1.00	0.75	0.75	0.56
	Deduction of columns	8	150	0.75	0.75	6.75
						19.51
			Limited to the near cube =			19.5
			Rate @ Rs: HS/cum			= 8
	Providing & constructing					
	long wall	2	10.15	0.45	0.60	5.45
	short wall	3	6.15	0.45	0.45	3.74
		1	2.85	0.45	0.45	0.58
	Toilet wall	1	1.60	0.45	0.45	0.32

M. A. R. 57 (Rule 116)
Measurement Book

No. 663

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8
							10.12
	Excavation of columns	1	1.00	0.45	0.45	0.20	
		8	1.50	0.45	0.45	2.43	
						7.89 cum	
	limited to tender qty				=	7.13 cum	
					@ Rs 5407/ cum =		38552.00
	5) Providing & laying cured concrete using 20mm & down size agg						
	columns Footing	8	1.50	1.50	0.60	10.80	
	columns Rising	8	0.20	0.45	4.00	2.88	
	Plinth	1	42.84	0.20	0.45	3.86	
	limited	1	42.84	0.20	0.20	1.71	
	Beams	1	6.00	0.30	0.45	0.81	
	Around Beam	1	42.84	0.20	0.45	3.86	

Not Executive Engineer
Division
Vidyaranyapura
Bangalore-97

28.92

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7
	Roof slab	1	10.00	6.15	0.15	9.22
	Sump Raft	1	3.00	3.00	0.20	1.80
	Side walls	2	3.00	0.20	2.60	3.12
		2	2.60	0.20	2.60	2.70
	Roof concrete	1	3.00	3.00	0.15	1.35
	Building surrounding	2	[illegible]	1.00	0.15	3.47
		2	6.15	1.00	0.15	1.85
		1	10.00	0.60	0.15	0.90
						48.32

CBFE 3/B

limited to tender qty = 48.28 cum

@ Rs: 6443/cum =

(item no 1) Filling available earth in sides of foundation etc - (vide item no 1) = 170.18 cum

107.4

= 1H

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424670

al No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Providing & constructing load bearing wall with solid concrete blocks in						
long wall	2	9.55		3.00	57.30	
short wall	3	6.00		3.00	54.00	
	1	3.04		3.00	9.12	
Room	1					
Toilet wall	1	1.50		3.00	5.40	
	1	1.20		3.00	3.60	
	3	0.60		1.00	1.50	
Kitchen Platform wall	2	9.55		0.60	11.46	
parapet wall	1	1.60	1.00		1.60	
	1	1.60	0.85		1.36	
steps	1	1.60	0.60		0.96	
	1	1.60	0.45		0.72	
Deduct for openings	1	1.20		2.10	2.52	
GD						

C+FC

Revised

Executive Engineer
DIVISION
BDMP, Bangalore-97

129.84

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	D2	2	0.90		2.10	3.78
	D3	1	0.75		2.10	1.58
	windows	2	1.20		1.20	2.88
		1	1.75		1.20	2.10
		1	0.90		0.40	0.36
		1	0.60		0.60	0.36
	lintel	1	42.84		0.20	8.57
	Aircutel beam	1	42.84		0.45	112.92
						= 112.76
			limited TO tender qty			
			@ Rate Rs: 1015.00/-			
ITEM 8)	Providing T.M.T Steel reinforcement for RCC work cell					
	0.125	42.11				= 5.26 Tons
			Tender qty =			5.13 Tons
	@ Rate Rs 65500					=

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424671

l No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
1) Providing & laying integral cement based water proofing treatment						
Roof slab	1	10.00	6.15	=	61.50	
	1	5.00	2.40	=	12.00	
					73.20	= 73 @ 200.00
Cl. 3/03						
					@ Rs. 1000/Sqm	
2) Providing 12mm thick cement plaster in single coat						
Hall	1	5.75	6.00		34.50	
Room & kitchen	1	3.04	3.18		9.67	
	1	3.04	2.40		7.30	
Toilet	1	1.60	1.20		2.16	
Front	1	6.15	0.45		2.77	
	1	4.60	1.00		4.60	= 12749.00
					60.77 @ 210/Sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
Item 10	Providing 150mm thick cement Plaster in Single coat &c.					
	Hall	2	5.75		3.00	34.50
	Room	2	6.00		3.00	36.00
		2	3.04		3.00	18.24
	Kitchen	2	3.18		3.00	19.08
		2	3.04		3.00	18.24
	Kitchen platform	2	2.40		3.00	14.40
	Toilet	2+1=3	0.60		1.00	3.60
		2	1.80		3.00	10.80
		2	1.20		3.00	7.20
	Deduct for Openings D1	1	1.75		1.10	10.73
	D2	1.10.5	1.20		2.10	14.26
	D3	2	0.90		2.10	3.78
	Windows	1	0.75		2.10	1.58
		2.10.5	1.20		1.20	1.44
		1.10.50	1.75		1.20	1.05
		1.10.5	0.90		0.40	0.18
		1.10.5	0.60		0.60	0.18
	Vinitool				tenten	qwty = 162.35 SQM

M. A. R. 57 (Rule 116)
Measurement Book

No. B

424672

No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
1) providing 15mm thick cement plaster in single coat etc --						
out side wall	2	9.55		11.20	80.22	
	2	6.15		11.20	51.60	
Deduct for opening of windows	1x0.5	1.20		2.10	1.26	
	2x0.50	1.20		1.20	1.44	
	1x0.50	0.75		1.20	1.05	
	1x0.50	0.90		0.40	0.18	
	1x0.50	0.60		0.60	0.18	
					131.27 Sft	
					@ Rs: 2.15/Sft = Rs: 2693.00/-	
2) providing & fixing special shape glazed vitrified tiles etc -						
Hall skirting	1	5.75	0.60		34.50	
	2	5.75		0.10	1.15	
	2	6.00		0.10	1.20	
kitchen	1	3.05	2.40		7.32	
					44.17	

Executive Engineer
Division
97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
	Shering	2	2.40		0.10	0.48
		2	3.15		0.10	0.64
	Room	1	3.04	3.15		9.67
	Shering	2	3.04		0.10	0.61
		2	3.15		0.10	0.64
			limited to tender quantity		=	111.50 Sqm
			@ Ps = 12.95/ Sqm			
item 14)	providing & removing centering, shuttering, struts etc					
	column	8	6.00		0.60	28.80
		8	1.30		3.90	40.56
						69.36
			@ Ps: 395/ Sqm			=
item 15)	providing & removing	centring, shuttering, struts etc				

M. A. R. 57 (Rule 116)
Measurement Book

No. B

4246

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f Work ..... From ..... To .....

f Contractor of nature of Agency .....

commencement of work .....

Full description, etc, of work	Dimensions				Contents	Refere to las Measure
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Hall	1	5.75	6.50		37.38	
Room	1	3.14	3.15		19.33	
Toilet	2	3.04	2.40		14.59	
Varandah	1	1.50	1.20		2.16	
				=	53.31 cum	
limited to inner						
Plinth & retaining	2	42.04		0.45	35.56	
Around plinth	2	42.84		0.20	19.14	
Around Dwt Beam)	2	42.84		0.45	38.56	
Beam	1	6.00		1.10	6.60	
For sump structures	1	3.00		2.60	~~53.31~~	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
		4	2.60		2.60	27.04
	Roof	1	2.60	2.60	=	6.76
			limited to tender qnty		=	161.42 Sqm
			@ Rs: 300/ Sqm			=
Item No A)	Providing & fixing iron grills		M.S. Steel garage door etc			
	main door	1	1.20		2.10	2.52
	Toilet door	2	0.90		2.10	3.78
		1	0.75		2.10	1.58
			limited to tender qnty		=	7.56 Sqm
Item No B)	Providing & Fixing in position		@ Rs: 251/ Sqm			=
	windows & ventilators etc		m.s. steel casement			
		2	1.20		1.20	2.88
		1	1.75		1.20	2.10

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424674

l No. .....
e of Work ..... From..... To.....
e of Contractor of nature of Agency .....
of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	0.90	0.40	0.36	4.92	
	1	0.60	0.60	0.36		
	limited to tenan			= 4.74 Sqm	= 1507.00	
				@ Rs = 318/Sqm		
a) providing & applying two coats with oil bound washable distemper of						
Quantity vide item No. 10 & 11 = 224.24 Sqm)						
limited to tenan qnty = 223.06 Sqm =						17176.00
@ Rs = 77/Sqm						
b) providing & finishing extra works in two coats with wall putty						
Quantity vide item No. 12 = 127.77 Sqm)						
limited to tenan qnty = 125.27 @ Rs. 91/Sqm =						11400.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
item 21)	providing & fixing chorinated poly vinyl chloride &c.	1	20 @ Rs = 226/m			20m
item 22)	providing & fixing chorinated pvc	1	15.00 @ Rs 270/m	1'	=	15.00m
item 23)	providing & fixing pvc	1	@ Rs 300/m			1.00m
item 24)	providing & fixing in position brass gate valve &c.	15 Each	@ 648/Each			
item 25)	construction brick masonry	1	&c. @ Rs = 7610/cu.m			
item NO 26)	providing & fixing white vitreous china clay &c.	3	@ Rs 4950/unit			
item NO 27)	providing & fixing in position brass bib cock &c.	15	@ Rs: 300/Each			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424675

al No. .....

e of Work ..... From..... To.....

e of Contractor of nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
28) providing & fixing white vitreous	2			Rate @ Rs = 4685/pan	=	9370.00/-
29) providing & placing on	1			Rate @ Rs: 9765/nos	=	9765.00
30) providing & fixing	1	30		Rate @ Rs: 765/m	=	2295.00
31) providing & fixing on wall surface	6	30.00		Rate @ Rs 43/-	=	7740.00
32) supplying & wiring	3			@ Rs: 2467/point	=	7401.00
33) supplying & fixing	2			@ Rs: 70/each	=	140.00/-

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
34)	Supplying 4mm thick plastic sheet: 8 x 4.5 ft (m) @ Rs 50.30:					
35)	Extra for Groove cutting in brick wall/ceiling etc	1	60	@ Rs 2.5/mt		
36)	Supplying heavy gauge PVC conduit pipe 19/20mm dia etc	1	60	Rate	@ Rs 60/mt	
37)	Supplying & fixing PBBC/Bakelite strip etc	1		@ Rs: 90/Each		
38)	Supplying Patti type fluorescent tube light fitting etc	1		@ 600 Each		
39)	Wiring for lighting cast Aluminium round etc	1		Rate 15	@ Rs: 750/~~Each~~ 15 MD 20/mt	
40)	Supplying & fixing cast Aluminium round etc	4			@ Rs: 350/Each	
41)	Supplying fixing wiring & earth) electrode to ground					

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 424676

No. .....

of Work ..... From..... To.....

of Contractor of nature of Agency .....

commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
conduits i.c cutting etc complete	1	@ Rs 2730/No			=	2730.00/-
2) Supplying of 1.1 KV LT UG cable having Aluminium conductor	1	25 @ Rs = 150/mtr			=	3750.00/-
3) labour charges for laying of 1.1 KV class UG cable etc complete	1	25 Rate @ Rs 15/mtr			=	375.00/-
4) Digging of trenches of	1	0.6m deep x 0.5mtr wide etc complete				
	1	20 Rate @ Rs-			90/mtr =	1800.00/-
5) Supplying & fixing of class A GI pipe of	1	11 Rate @ Rs 345/mtr			=	1350.00/-

ASSISTANT ENGINEER
Vidyanagar Division
DEHRI

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	7
4th Feb	Supplying & fixing L.T. cast iron pot heads suitable for 1.1 kV class UG cable filled etc complete	1	Rate @ 300/nos			= 300
	Total Amt Rs 300/-					
						03/07/21
	Certificate: 1) certified that the above work done satisfactorily					
	2) No materials issued from Stores Department					
	Gowdhan					03/07/21
						Assistant Engineer 3/7 Division Vidyaranyapura Bangalore-97

M. A. R. 57 (Rule 116)
Measurement Book

No. B 424677

No. .....

Work ..... From..... To.....

Contractor of nature of Agency .....

Commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
Footing	Final bill			BD - 1515200=00		
ಲೆಕ್ಕಶೀರ್ಷಿಕೆ J-1771 ರಡಿ				IT - 15152=00		
ಚಿಲ್ಲು ಮೊಬಲಗು ರೂ. 1515200=00 ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ.				L.C - 15152=00		
ಇದರಲ್ಲಿ ರೂ. 84438=00 ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ				LBT - 75776=00		
ಮಾಡಿಕೊಂಡು ರೂ. 1430762=00 ಗಳನ್ನು				GST - 18529=00		
				SGST - 18529=00		
FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ				LR - 17500=00		
				EO - 2000=00		
ದಿನಾಂಕ 13/12/22 ಲೆಕ್ಕಾಧೀಕ್ಷಕರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು				TD - 84438=00		
ನಿರೀಕ್ಷಕರು ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ				Cheque 1430762=00		
ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು ಬೃ.ಬೆ.ಮ.ಪಾ. ಬೆಂಗಳೂರು						